

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,854,756 B2
APPLICATION NO. : 10/762816
DATED : December 21, 2010
INVENTOR(S) : William J. Shaw

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete the title page and substitute therefore the attached title page showing the corrected number of claims in patent.

Column 14, line 1: insert missing claim --9. The device of claim 8, in the form of a stent-graft.--

Column 14, line 1: correct the claims as follows:

9~~10~~. The device of claim 8, wherein the ceramic fiber is from about ten microns to about 100 microns long.

~~10~~11. The device of claim 8, wherein the ceramic fiber is from about one micron to about 50 microns wide.

~~11~~12. The device of claim 8, wherein the ceramic fiber is about ten microns wide.

~~12~~13. The device of claim 8, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 500:1.

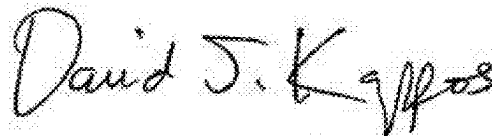
~~13~~14. The device of claim 8, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 200:1.

~~14~~15. A medical device, comprising:
a tubular structure; and

a polymer element on the tubular structure, wherein the polymer element comprises a ceramic fiber comprising a metalloid and each dimension of the ceramic fiber is equal to or greater than one micron, wherein the ceramic fiber is from about one micron to about 50 microns wide.

This certificate supersedes the Certificate of Correction issued August 2, 2011.

Signed and Sealed this
Twenty-third Day of August, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style.

David J. Kappos
Director of the United States Patent and Trademark Office

~~45~~16. The device of claim ~~44~~15, in the form of a stent-graft.

~~46~~17. The device of claim ~~44~~15, wherein the ceramic fiber is from about ten microns to about 100 microns long.

~~47~~18. The device of claim ~~44~~15, wherein the ceramic fiber is about ten microns wide.

~~48~~19. The device of claim ~~44~~15, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 500:1.

~~49~~20. The device of claim ~~44~~15, wherein the ceramic fiber has an aspect ratio of from about 5:1 to about 200:1.

(12) **United States Patent**
Shaw

(10) **Patent No.:** **US 7,854,756 B2**
(45) **Date of Patent:** **Dec. 21, 2010**

(54) **MEDICAL DEVICES**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **10/762,816**

(22) Filed: **Jan. 22, 2004**

(65) **Prior Publication Data**

US 2005/0163954 A1 Jul. 28, 2005

(51) **Int. Cl.**
A61F 2/06 (2006.01)

(52) **U.S. Cl.** **623/1.15; 623/1.49**

(58) **Field of Classification Search** ... 623/14.13-15.11,
623/23.55, 23.56, 23.57-23.63, 1.4-1.49,
623/1.5-1.54, 23.72, 1.15, 1.23, 1.39; 424/423;
606/194; 604/524

See application file for complete search history.

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(57) **ABSTRACT**

Medical devices including one or more ceramic fibers are disclosed. In some embodiments, each dimension of the ceramic fiber(s) is equal to or greater than one micron.

20 Claims, 6 Drawing Sheets

